

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

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International Application No. PCT/JP99/05666

Serial No. NOT YET ASSIGNED

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For: **GAS GENERATOR COMPOSITION**

ATTACHMENT 3

Please add the following new claims 12-20 as follows:

12.. The gas generating composition as recited in claim 1, wherein the ammonium nitrate has an average particle size of 1 to 1000 μm , and the microcrystalline carbon has an average particle size of 1 to 500 μm and has a specific surface of 5 to 1600 m^2/g , and the stabilizer has an average particle size of 0.1 to 500 μm .

13. The gas generating composition as recited in claim 1, wherein the ammonium nitrate is phase-stabilized ammonium nitrate.

14. The gas generating composition as recited in claim 1, wherein the gas generating composition further comprises a high energy substance.

15. The gas generating composition as recited in claim 1, wherein the gas generating composition further comprises a binder and a plasticizer.

16. The gas generating composition as recited in claim 1, wherein the gas generating composition is formed into a cylindrical body that has an outer diameter of 5 to 40mm and a length of 5 to 40mm

and has 7 or 19 substantially equally spaced bores with an inner diameter of 1 to 10mm extending longitudinally therethrough, and the thickness from a surface of the cylindrical body to the bore is 3mm or less.

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17. The gas generating composition as recited in claim 1, wherein the gas generating composition is molded into a cylindrical body that has an outer diameter of 3 to 10mm and a length of 2 to 10mm and has a bore with an inner diameter of 1 to 8mm extending longitudinally at the center thereof, and the thickness from a surface of the cylindrical body to the bore is 3mm or less.

18. The gas generating composition as recited in claim 1, wherein the gas generating composition is molded into a cylindrical body that has an outer diameter of 0.5 to 5mm and a length of 0.5 to 5mm and has a bore with an inner diameter of 0.1 to 4mm extending longitudinally at the center thereof, and the thickness from a surface of the cylindrical body to the bore is 1mm or less.

19. The gas generating composition as recited in claim 1, wherein the stabilizer is at least one selected from the group consisting of diphenylamine, resorcinol, and diethyldiphenyl urea.

20. A method for manufacturing a molded product of a gas generating agent, the method comprising the steps of:

adding an organic solvent to a gas generating composition to make it into a block, the generating composition including ammonium nitrate as an oxidizing agent, microcrystalline carbon powder as a reducing agent and a stabilizer, wherein the amounts of the ammonium nitrate, the microcrystalline carbon, and the stabilizer are from 89 to 99wt%, from 1 to 6wt%, and from 0.2 to 6wt%, respectively, with respect to the total amount of the ammonium nitrate, the microcrystalline carbon and the stabilizer; and extruding the block into a desired shape by an extruder.

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